

# Prewitt Abandoned Refinery

## Prewitt, New Mexico

EPA Region 6

State Congressional District: 03

EPA ID# NMD980622773

Site ID: 0600877

Contact: Sairam Appaji,  
214-665-3126

Updated: September 2006



## Current Status

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The EPA completed the Second Five-Year Review Report in September 2005 for the Site. The results of the review indicate that the surface remedial actions continue to meet all remedial action objectives in accordance with the requirements of the Record of Decision for the Site. The surface remedial actions continue to be protective of human health and the environment. The ground water remedy is not functioning as expected but is protective of human health and the environment in the short term. For the remedy to be protective in the long term, continued monitoring and some type of institutional controls will be necessary. EPA and NMED are reviewing an alternate remedial strategy at this site.

## Benefits

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Remediation of the ground water at the Prewitt Superfund Site will reduce environmental risks in the future for people living near the site including Navajo tribes.

The surface portion of the site has been remediated to allow for future residential use and has been deleted from the NPL.

## National Priorities Listing (NPL) History

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- NPL Proposal Date: June 24, 1998
- NPL Final Listing Date: August 30, 1990
- Location: The site is a former crude oil refinery located on approximately 70 acres near the town of Prewitt in McKinley County, New Mexico.
- Population: Approximately 75 people live within 1-mile radius of the site.
- Setting: The Site is divided in to two tracts and Highway 66 separates the two tracts. To the south is I-40 and to the north the Atchinson, Topeka and Santa Fe (AT&SF) Railroad.
- Hydrology: The Site is located near the southwest edge of the Rio San Jose Basin. There are three major stratigraphic units at the Site. These are in ascending order, the San Andres/Glorieta Formation, the Lower Chinle Member and the Sonsela Sandstone Bed.

### Principal Pollutants:

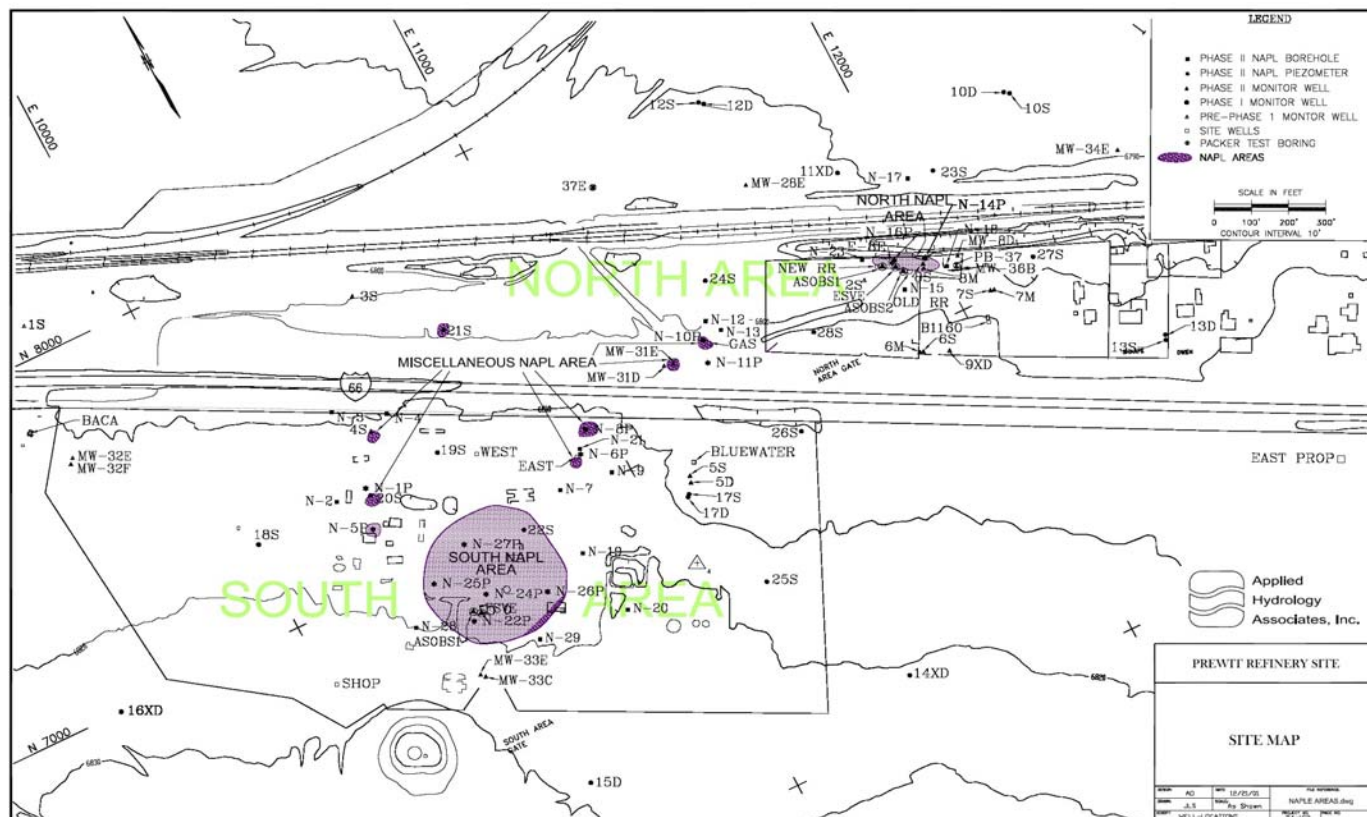
- Soil: Asbestos, lead and polynuclear aromatic hydrocarbons
- Other: Petroleum sludges
- Ground Water: Lead, benzene, toluene, ethyl benzene and xylenes.

### Volumes:

- Recovered approximately 5,600 gallons NAPL by liquid recovery
- Removed over 520,000 lbs of (approximately 80,000 gallons) volatile hydrocarbon (NAPL), including about 21,000 lbs of BTEX by SVE
- Removed approximately 800 cubic yards of asbestos containing materials

- Removed approximately 3000 cubic yards of PAH contaminated soils
- Removed approximately 1900 cubic yards of lead contaminated soils
- Removed approximately 83 cubic yards of sludges in the separator

## Site Map



## Health Considerations

Five nearby residential wells have water treatment system to ensure ground water used is safe for consumption and does not exceed MCLs. Quarterly sampling is conducted prior to the treatment and after the treatment to ensure ground water is safe.

## Record of Decision

The ROD for the Site was signed on September 30, 1992.

## Site Contacts

EPA Remedial Project Manager:	Sai Appaji	214.665.3126 or 800.533.3508
EPA Site Attorney:	James Costello	214.665.8045 or 800.533.3508
EPA Community Involvement:	Bob Johnson	214.665.6676 or 800.533.3508
EPA Region 6 Ombudsman	Jake Ingram	505.827.0039
Navajo EPA:	Diane Malone	928-871-7820
Potential Responsible Party:	ARCO and El Paso Natural Gas	